

*SAC*

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/532,986  
Source: PGT/10  
Date Processed by STIC: 1/10/06

***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/532,986

TIME: 08:21:48

Input Set : A:\Sequence Listing 8-8-05.txt  
 Output Set: N:\CRF4\01102006\J532986.raw

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3 <110> APPLICANT: Kondoh, Gen
5 <120> TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME CONTAINING MEDICINE
7 <130> FILE REFERENCE: 2005-0733A/WMC/00653
9 <140> CURRENT APPLICATION NUMBER: 10/532,986
10 <141> CURRENT FILING DATE: 2005-04-28
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/013851
13 <151> PRIOR FILING DATE: 2003-10-29
15 <150> PRIOR APPLICATION NUMBER: JP 2002-314078
16 <151> PRIOR FILING DATE: 2002-10-29
18 <160> NUMBER OF SEQ ID NOS: 4
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 37
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: description of artificial sequence: Synthetic oligonucleotide
28 <400> SEQUENCE: 1
29 tgaattccac catggccaa gggtgggcta ctccagg 37
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 57
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: description of artificial sequence: Synthetic oligonucleotide
40 <400> SEQUENCE: 2
41 gaattcgtca cttatcatca tcatccttat aatcctgctg tggctccagg tacaggc 57
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 48
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: description of artificial sequence: Synthetic oligonucleotide
52 <400> SEQUENCE: 3
53 ctgggtata gcgcaccacg atatggccca catcoagtat ttcatgca 48
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 764
58 <212> TYPE: PRT
59 <213> ORGANISM: Mus musculus
61 <300> PUBLICATION INFORMATION:
62 <308> DATABASE ACCESSION NO: GenPept/NP_033728
63 <309> DATABASE ENTRY DATE: 2003-10-04
65 <400> SEQUENCE: 4
67 Met Gly Gln Gly Trp Ala Thr Pro Gly Leu Pro Ser Phe Leu Phe Leu

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68	1	5	10	15												
70	Leu	Leu	Cys	Cys	Gly	His	His	Leu	Leu	Val	Leu	Ser	Gln	Val	Ala	Thr
71				20					25						30	
73	Asp	His	Val	Thr	Ala	Asn	Gln	Gly	Ile	Thr	Asn	Gln	Ala	Thr	Thr	Arg
74					35				40						45	
76	Ser	Gln	Thr	Thr	Thr	His	Gln	Ala	Thr	Ile	Asp	Gln	Thr	Thr	Gln	Ile
77					50				55						60	
79	Pro	Asn	Leu	Glu	Thr	Asp	Glu	Ala	Lys	Ala	Asp	Arg	Phe	Val	Glu	Glu
80	65				70				75						80	
82	Tyr	Asp	Arg	Thr	Ala	Gln	Val	Leu	Leu	Asn	Glu	Tyr	Ala	Glu	Ala	Asn
83					85				90						95	
85	Trp	Gln	Tyr	Asn	Thr	Asn	Ile	Thr	Ile	Glu	Gly	Ser	Lys	Ile	Leu	Leu
86					100				105						110	
88	Glu	Lys	Ser	Thr	Glu	Val	Ser	Asn	His	Thr	Leu	Lys	Tyr	Gly	Thr	Arg
89					115				120						125	
91	Ala	Lys	Thr	Phe	Asp	Val	Ser	Asn	Phe	Gln	Asn	Ser	Ser	Ile	Lys	Arg
92					130				135						140	
94	Ile	Ile	Lys	Lys	Leu	Gln	Asn	Leu	Asp	Arg	Ala	Val	Leu	Pro	Pro	Lys
95	145				150				155						160	
97	Glu	Leu	Glu	Glu	Tyr	Asn	Gln	Ile	Leu	Leu	Asp	Met	Glu	Thr	Thr	Tyr
98					165				170						175	
100	Ser	Leu	Ser	Asn	Ile	Cys	Tyr	Thr	Asn	Gly	Thr	Cys	Met	Pro	Leu	Glu
101					180				185						190	
103	Pro	Asp	Leu	Thr	Asn	Met	Met	Ala	Thr	Ser	Arg	Lys	Tyr	Glu	Glu	Leu
104					195				200						205	
106	Leu	Trp	Ala	Trp	Lys	Ser	Trp	Arg	Asp	Lys	Val	Gly	Arg	Ala	Ile	Leu
107					210				215						220	
109	Pro	Phe	Phe	Pro	Lys	Tyr	Val	Glu	Phe	Ser	Asn	Lys	Ile	Ala	Lys	Leu
110	225				230				235						240	
112	Asn	Gly	Tyr	Thr	Asp	Ala	Gly	Asp	Ser	Trp	Arg	Ser	Leu	Tyr	Glu	Ser
113					245				250						255	
115	Asp	Asn	Leu	Glu	Gln	Asp	Leu	Glu	Lys	Leu	Tyr	Gln	Glu	Leu	Gln	Pro
116					260				265						270	
118	Leu	Tyr	Leu	Asn	Leu	His	Ala	Tyr	Val	Arg	Arg	Ser	Leu	His	Arg	His
119					275				280						285	
121	Tyr	Gly	Ser	Glu	Tyr	Ile	Asn	Leu	Asp	Gly	Pro	Ile	Pro	Ala	His	Leu
122					290				295						300	
124	Leu	Gly	Asn	Met	Trp	Ala	Gln	Thr	Trp	Ser	Asn	Ile	Tyr	Asp	Leu	Val
125	305				310				315						320	
127	Ala	Pro	Phe	Pro	Ser	Ala	Pro	Asn	Ile	Asp	Ala	Thr	Glu	Ala	Met	Ile
128					325				330						335	
130	Lys	Gln	Gly	Trp	Thr	Pro	Arg	Arg	Ile	Phe	Lys	Glu	Ala	Asp	Asn	Phe
131					340				345						350	
133	Phe	Thr	Ser	Leu	Gly	Leu	Leu	Pro	Val	Pro	Pro	Glu	Phe	Trp	Asn	Lys
134					355				360						365	
136	Ser	Met	Leu	Glu	Lys	Pro	Thr	Asp	Gly	Arg	Glu	Val	Val	Cys	His	Pro
137					370				375						380	
139	Ser	Ala	Trp	Asp	Phe	Tyr	Asn	Gly	Lys	Asp	Phe	Arg	Ile	Lys	Gln	Cys
140	385				390				395						400	

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142 Thr Ser Val Asn Met Glu Asp Leu Val Ile Ala His His Glu Met Gly  
143 405 410 415  
145 His Ile Gln Tyr Phe Met Gln Tyr Lys Asp Leu Pro Val Thr Phe Arg  
146 420 425 430  
148 Glu Gly Ala Asn Pro Gly Phe His Glu Ala Ile Gly Asp Ile Met Ala  
149 435 440 445  
151 Leu Ser Val Ser Thr Pro Lys His Leu Tyr Ser Leu Asn Leu Leu Ser  
152 450 455 460  
154 Thr Glu Gly Ser Gly Tyr Glu Tyr Asp Ile Asn Phe Leu Met Lys Met  
155 465 470 475 480  
157 Ala Leu Asp Lys Ile Ala Phe Ile Pro Phe Ser Tyr Leu Ile Asp Gln  
158 485 490 495  
160 Trp Arg Trp Arg Val Phe Asp Gly Ser Ile Thr Lys Glu Asn Tyr Asn  
161 500 505 510  
163 Gln Glu Trp Trp Ser Leu Arg Leu Lys Tyr Gln Gly Leu Cys Pro Pro  
164 515 520 525  
166 Val Pro Arg Ser Gln Gly Asp Phe Asp Pro Gly Ser Lys Phe His Val  
167 530 535 540  
169 Pro Ala Asn Val Pro Tyr Val Arg Tyr Phe Val Ser Phe Ile Ile Gln  
170 545 550 555 560  
172 Phe Gln Phe His Glu Ala Leu Cys Arg Ala Ala Gly His Thr Gly Pro  
173 565 570 575  
175 Leu His Lys Cys Asp Ile Tyr Gln Ser Lys Glu Ala Gly Lys Leu Leu  
176 580 585 590  
178 Ala Asp Ala Met Lys Leu Gly Tyr Ser Lys Pro Trp Pro Glu Ala Met  
179 595 600 605  
181 Lys Leu Ile Thr Gly Gln Pro Asn Met Ser Ala Ser Ala Met Met Asn  
182 610 615 620  
184 Tyr Phe Lys Pro Leu Thr Glu Trp Leu Val Thr Glu Asn Arg Arg His  
185 625 630 635 640  
187 Gly Glu Thr Leu Gly Trp Pro Glu Tyr Asn Trp Ala Pro Asn Thr Ala  
188 645 650 655  
190 Arg Ala Glu Gly Ser Thr Ala Glu Ser Asn Arg Val Asn Phe Leu Gly  
191 660 665 670  
193 Leu Tyr Leu Glu Pro Gln Gln Ala Arg Val Gly Gln Trp Val Leu Leu  
194 675 680 685  
196 Phe Leu Gly Val Ala Leu Leu Val Ala Thr Val Gly Leu Ala His Arg  
197 690 695 700  
199 Leu Tyr Asn Ile Arg Asn His His Ser Leu Arg Arg Pro His Arg Gly  
200 705 710 715 720  
202 Pro Gln Phe Gly Ser Glu Val Glu Leu Arg His Ser Leu Ala His Arg  
203 725 730 735  
205 Leu Tyr Asn Ile Arg Asn His His Ser Leu Arg Arg Pro His Arg Gly  
206 740 745 750  
208 Pro Gln Phe Gly Ser Glu Val Glu Leu Arg His Ser  
209 755 760

**VERIFICATION SUMMARY**

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